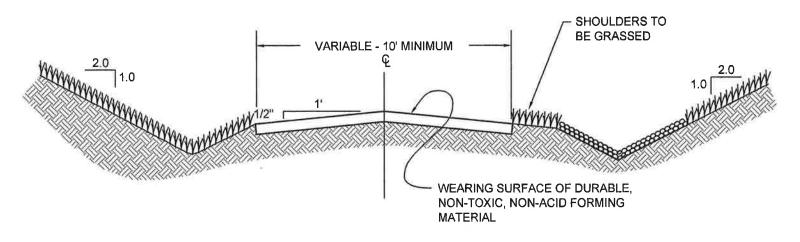
TYPICAL HAUL ROAD CUT SECTION

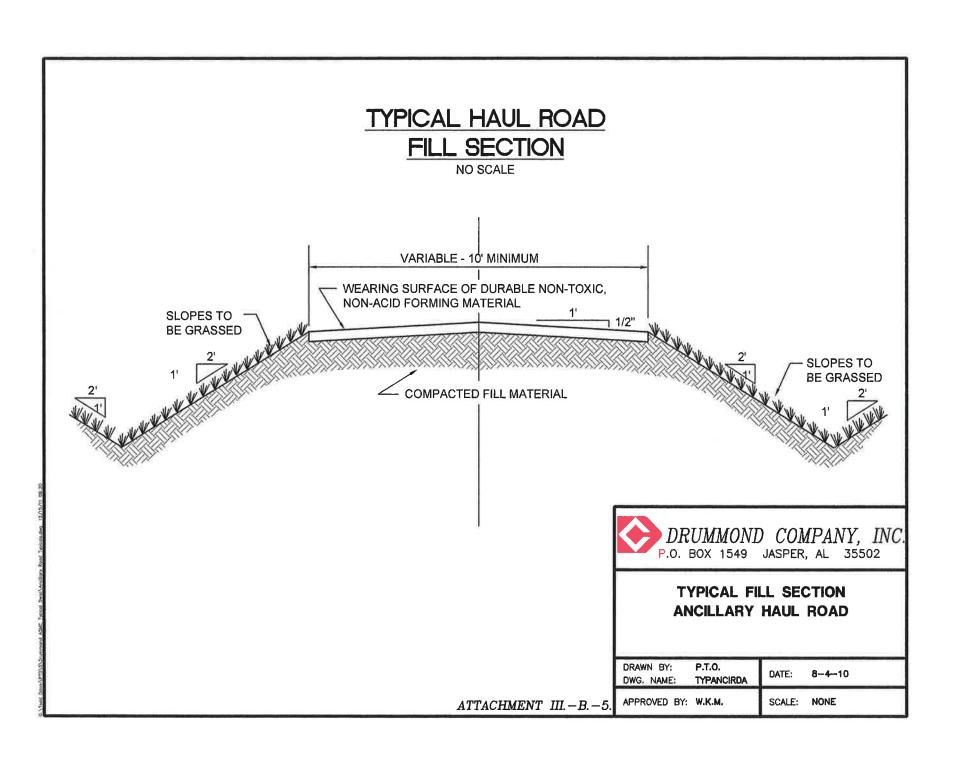
NO SCALE

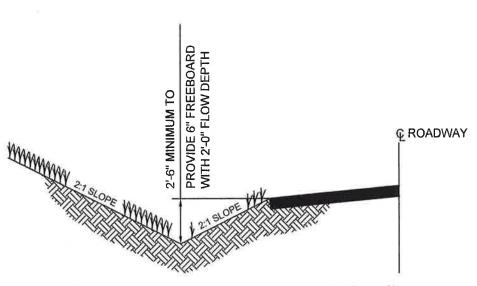




TYPICAL CUT SECTION ANCILLARY HAUL ROAD

DRAWN BY: DWG. NAME:	P.T.O. TYPANCIRDB	DATE:	8-4-10
APPROVED BY:	S.R.I.	SCALE:	NONE





MINIMUM DITCH GRADIENT = 1%

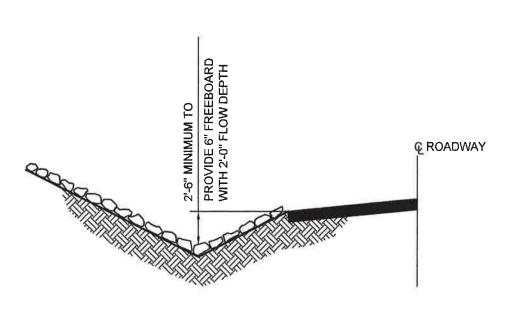
MAXIMUM DITCH GRADIENT = 5%

DITCH CHANNEL TO BE VEGETATED WITH A MIXTURE OF BERMUDA GRASS, FESCUE, AND LESPEDEZA TO CONFORM TO CLASS "D" RETARDANT CLASS.



TYPICAL ANCILLARY ROADWAY DITCH CROSS SECTION

DRAWN BY: DWG, NAME:	P.T.O. TYPANCIRDC	DATE:	8-4-10
APPROVED BY:	W.K.M.	SCALE:	NONE



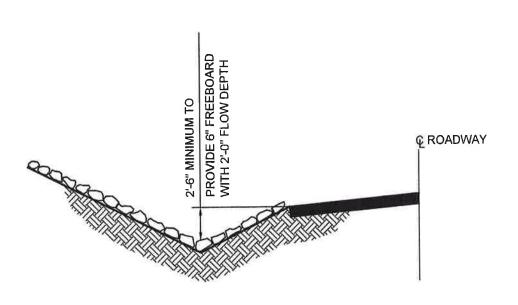
DITCH GRADIENT 5% TO 10%

DITCH CHANNEL TO BE LINED WITH NON-ERODIBLE NON-TOXIC, NON-ACID FORMING SANDSTONE OR LIMESTONE RIP-RAP. THE RIP-RAP WILL BE "CLASS 1" RIP-RAP AND HAVE A MINIMUM THICKNESS OF 12".



TYPICAL ANCILLARY ROADWAY DITCH CROSS SECTION

DRAWN BY: DWG. NAME:	P.T.O. TYPANCIRDD	DATE:	8-4-10
APPROVED BY:	W.K.M.	SCALE:	NONE



DITCH GRADIENT 11% TO 17%

DITCH CHANNEL TO BE LINED WITH NON-ERODIBLE NON-TOXIC, NON-ACID FORMING SANDSTONE OR LIMESTONE RIP-RAP. THE RIP-RAP WILL BE "CLASS 2" RIP-RAP AND HAVE A MINIMUM THICKNESS OF 16".

